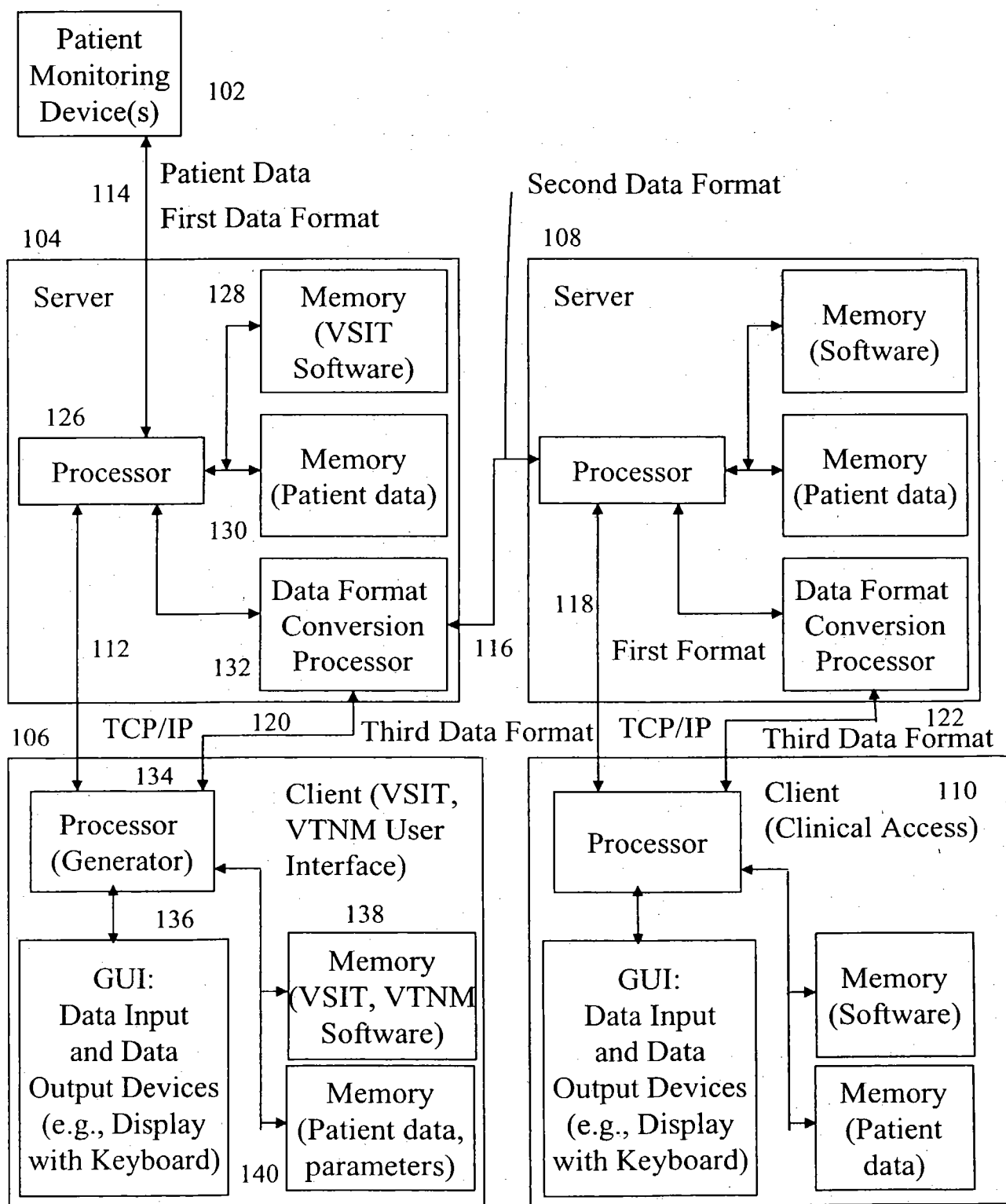


FIG. 1



200

Vital Signs Integration Tool
(VSIT) Method

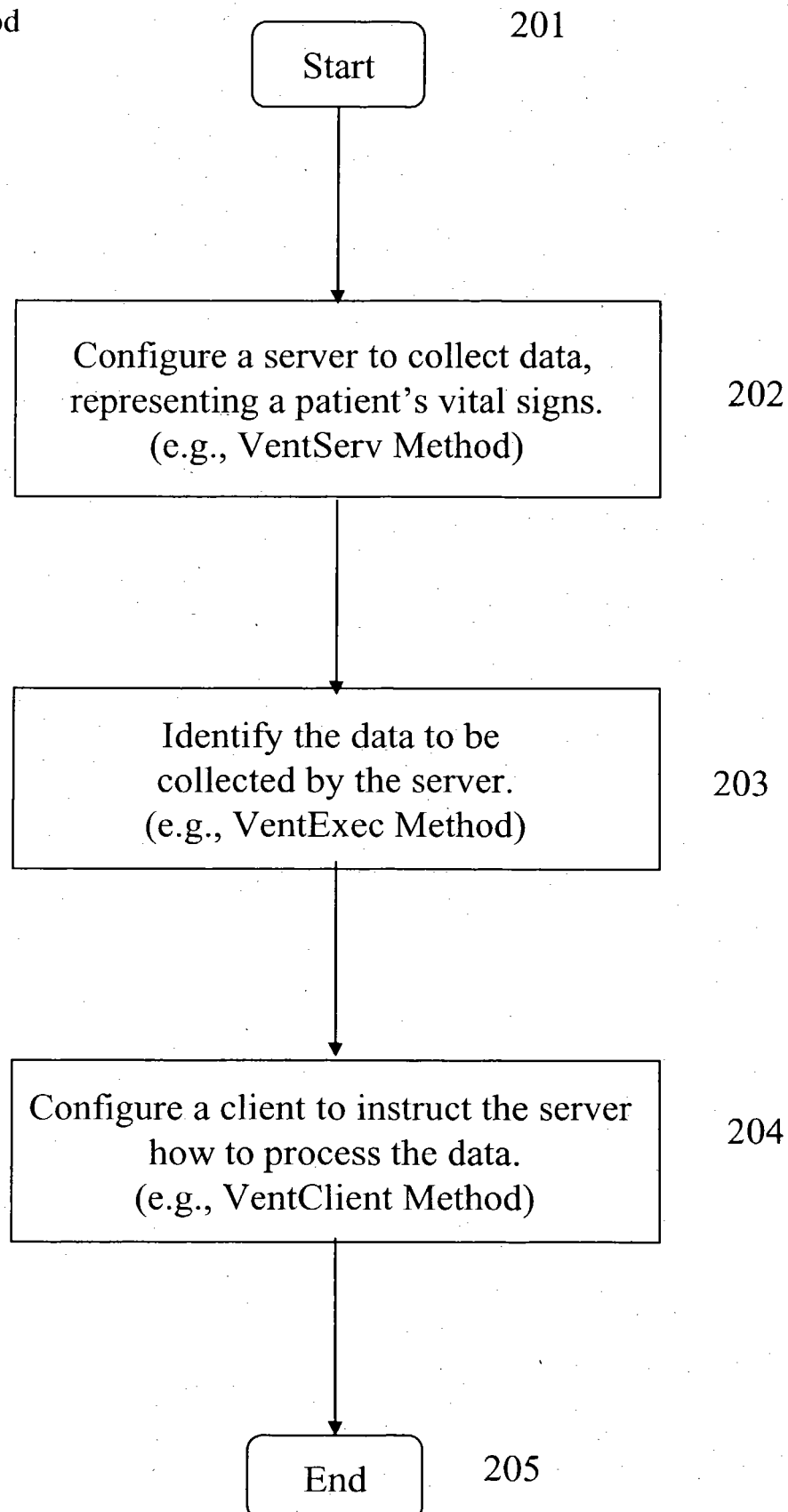
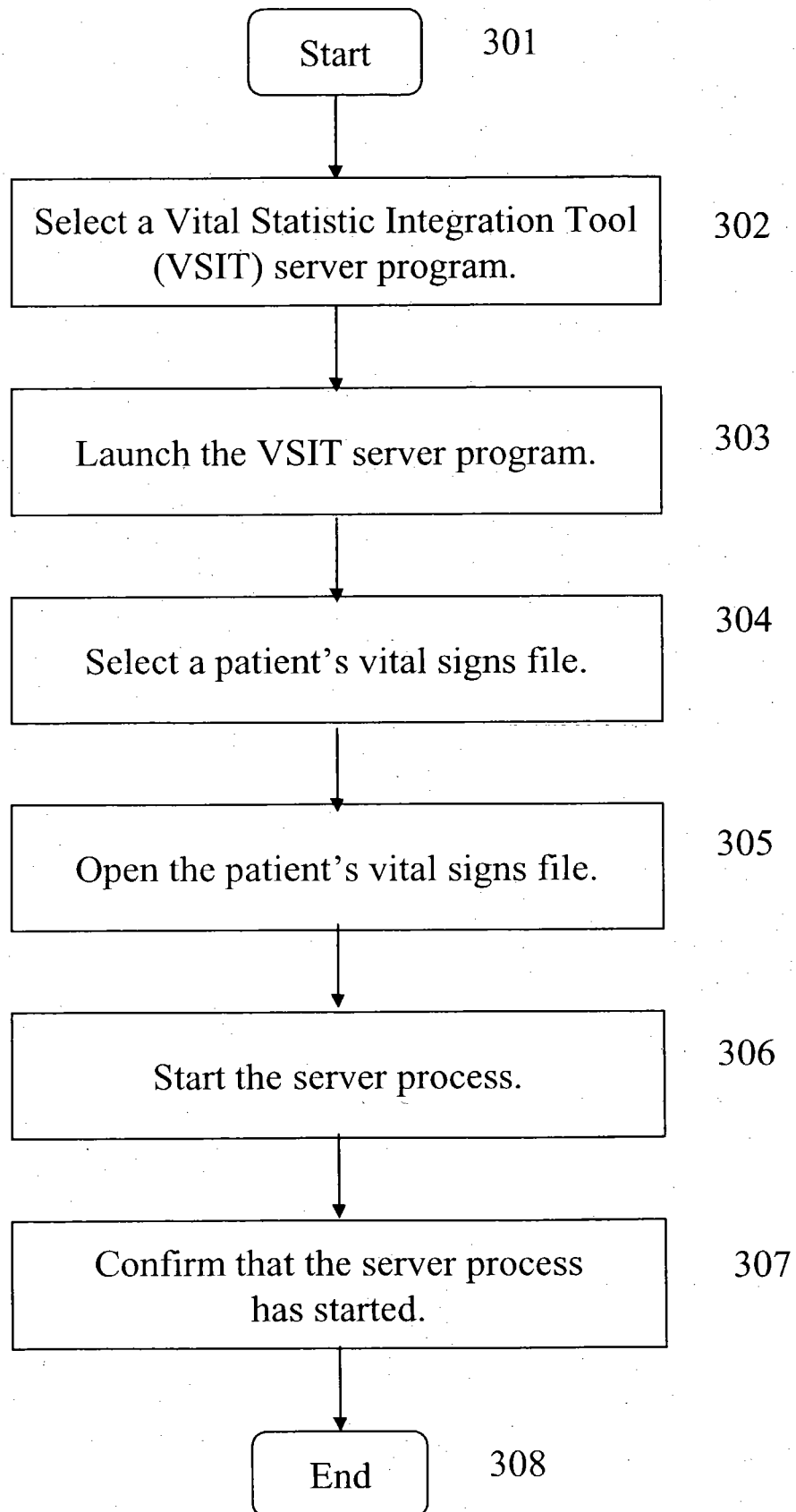


FIG. 3

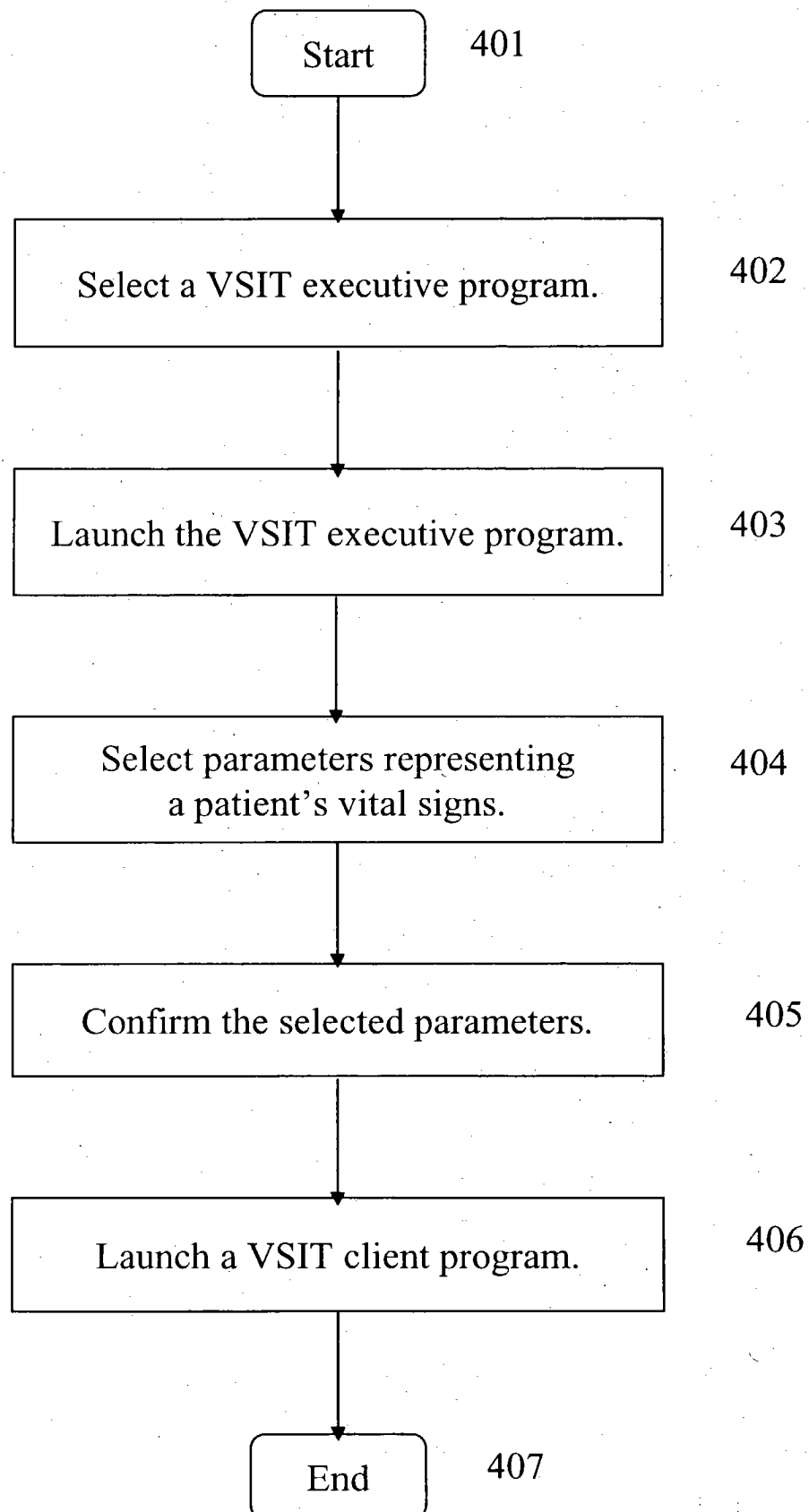


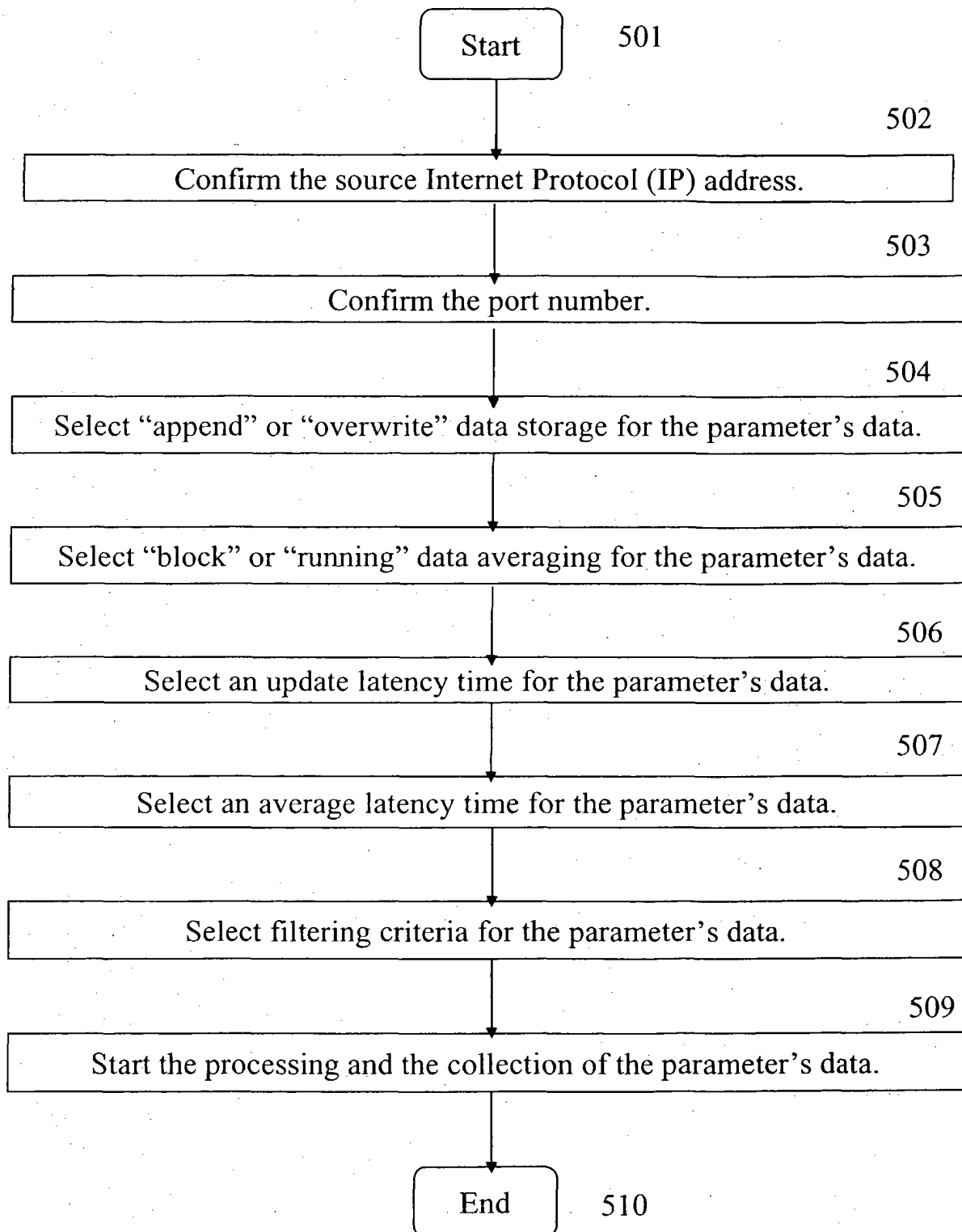
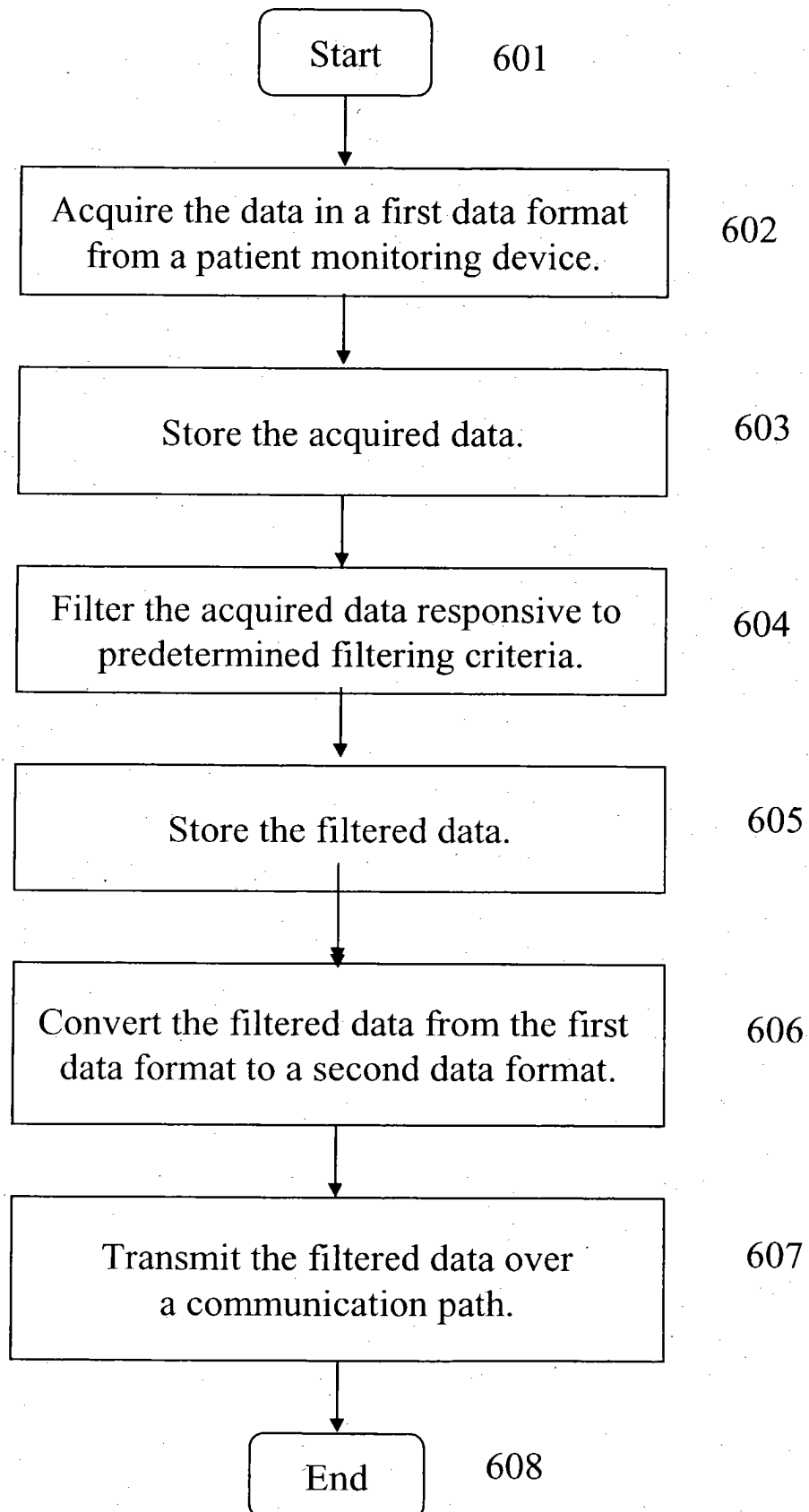
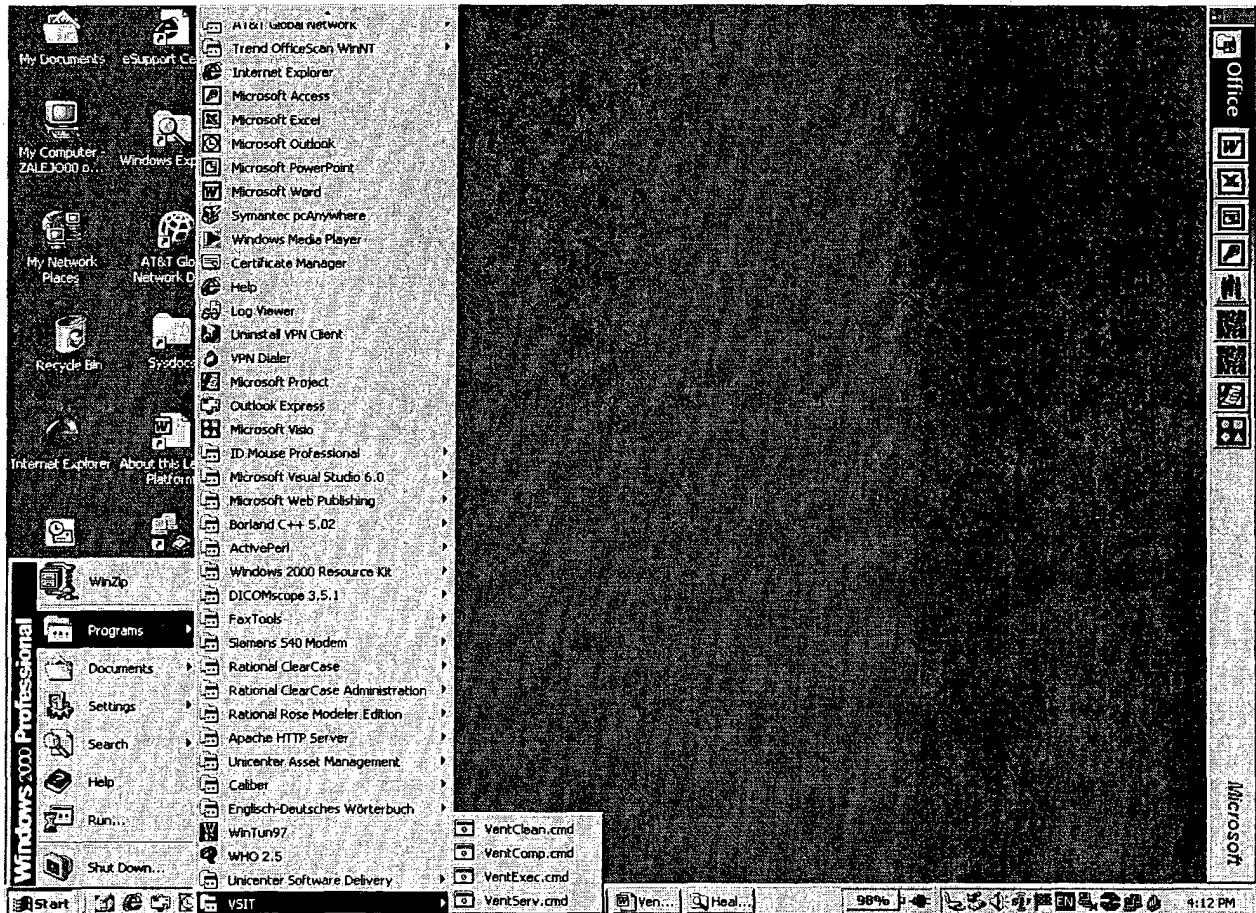
FIG. 5

FIG. 6

700

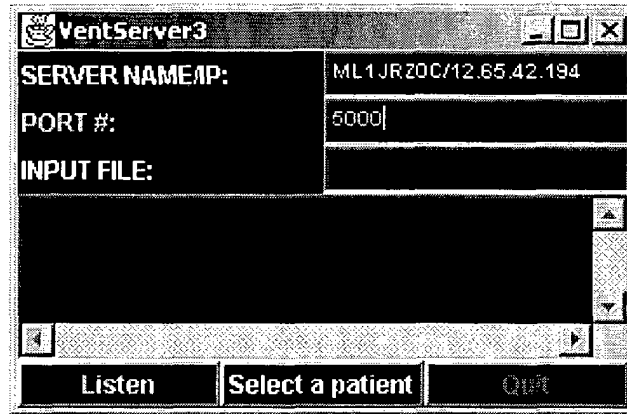
Program Display Window



800

Server Display Window

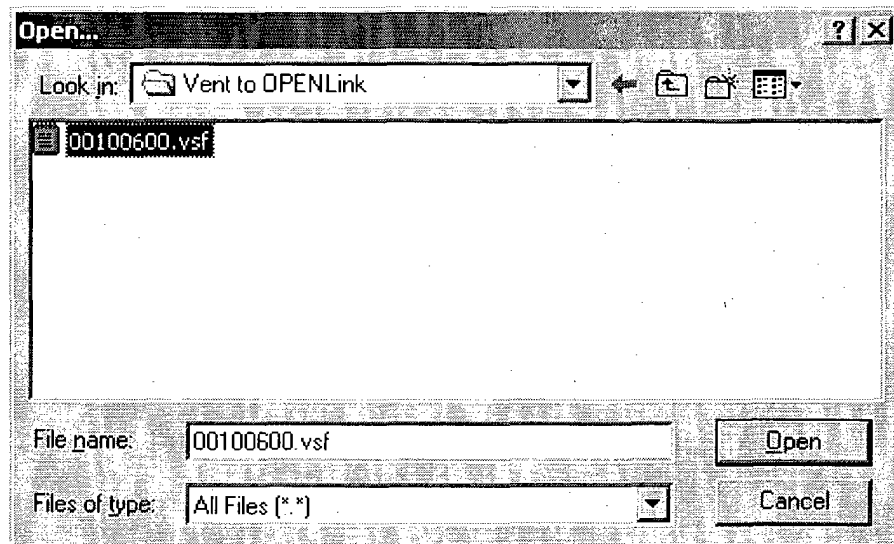
FIG. 8



900

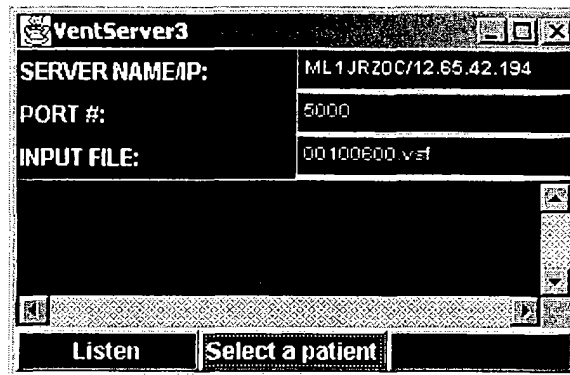
Patient Data File Display Window

FIG. 9

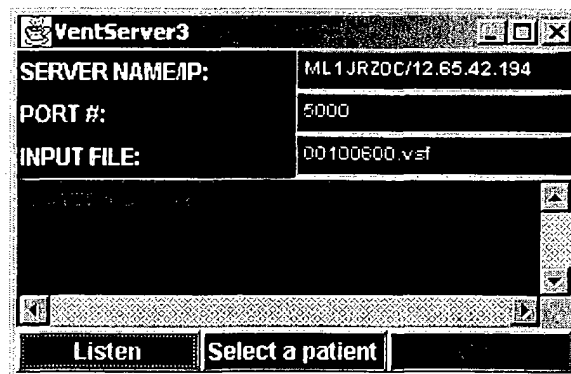


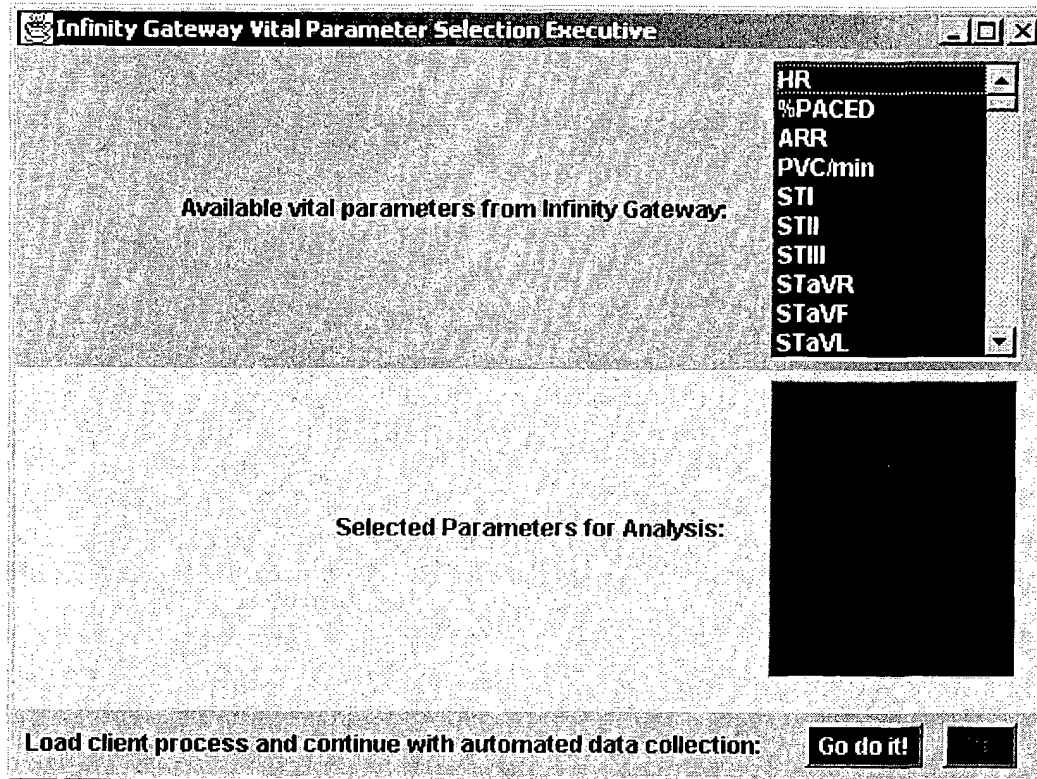
1000

Server Display Window

FIG. 101100

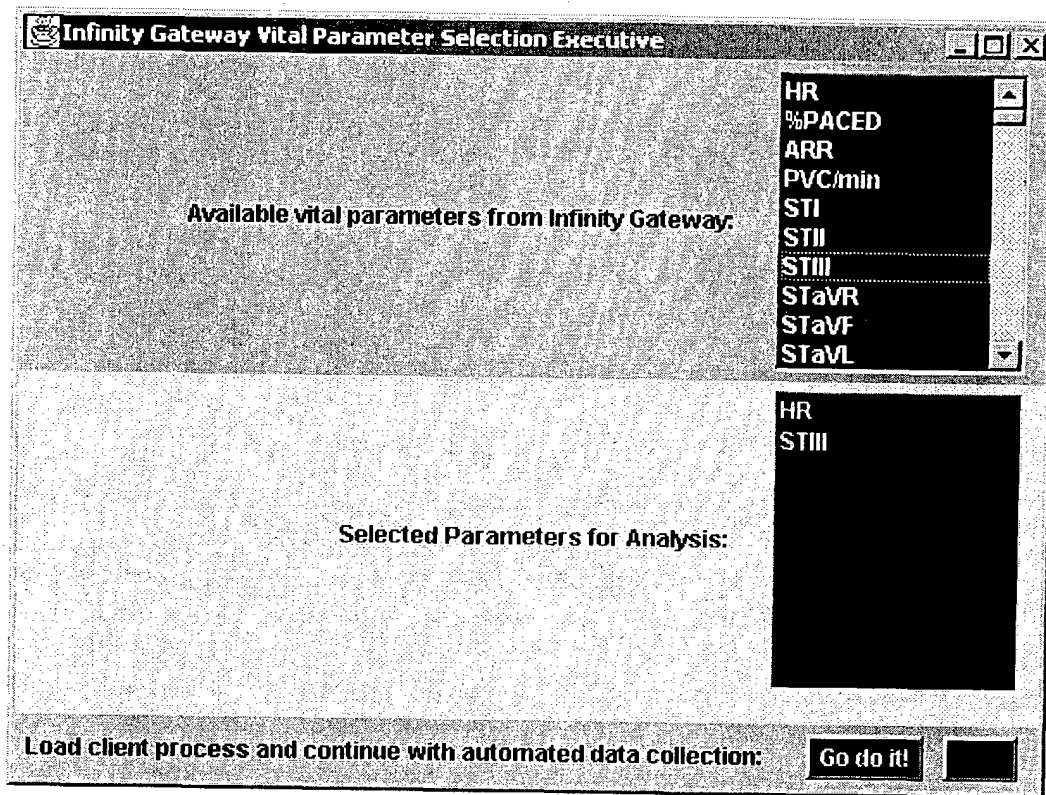
Server Display Window

FIG. 11



1300

Executive Display Window



12/16

FIG. 14

1400

Client Display Window

The screenshot shows a window titled "VentClient3" with a dark background and white text. The window is divided into two main sections. The left section contains labels for various settings, and the right section contains the corresponding values. At the bottom, there is a "Connect and Go" button.

SOURCE IP:	localhost
PORT #:	5000
APPEND TO OUTPUT FILE:	Appending new fields to output files
ALARM FILE:	alarmData.txt
STATS FILE:	statsData.txt
RUNNING AVERAGE OR BLOCK AVERAGE:	Running Average Selected
UPDATE LATENCY (seconds):	1
AVERAGING LATENCY (seconds):	1
OUTPUT FILE:	storedData.txt

Connect and Go

FIG. 15

1500

Client Display Window

This screenshot is similar to FIG. 14, showing the "VentClient3" window. However, the "APPEND TO OUTPUT FILE:" setting is now set to "Over-writing existing output files". The "statsData.txt" file is also listed under the "ALARM FILE:" and "STATS FILE:" settings.

SOURCE IP:	localhost
PORT #:	5000
APPEND TO OUTPUT FILE:	Over-writing existing output files
ALARM FILE:	statsData.txt
STATS FILE:	statsData.txt
RUNNING AVERAGE OR BLOCK AVERAGE:	Running Average Selected
UPDATE LATENCY (seconds):	1
AVERAGING LATENCY (seconds):	1
OUTPUT FILE:	storedData.txt

Connect and Go

1600

Client Display Window

FIG. 16

The screenshot shows a window titled "VentClient3" with a standard Windows-style title bar (minimize, maximize, close buttons). The window is divided into two main sections. The left section contains labels for various configuration parameters, and the right section contains the corresponding input fields or controls.

SOURCE IP:	localhost
PORT #:	5000
APPEND TO OUTPUT FILE:	Appending new fields to output files <input checked="" type="checkbox"/>
ALARM FILE:	alarmData.txt
STATS FILE:	statsData.txt
RUNNING AVERAGE OR BLOCK AVERAGE:	Block Average Selected <input checked="" type="checkbox"/>
UPDATE LATENCY (seconds): 1	Running Average Selected
AVERAGING LATENCY (seconds): 1	Block Average Selected
OUTPUT FILE:	storedData.txt
<input type="button" value="Connect and Go"/>	

1700

Client Display Window

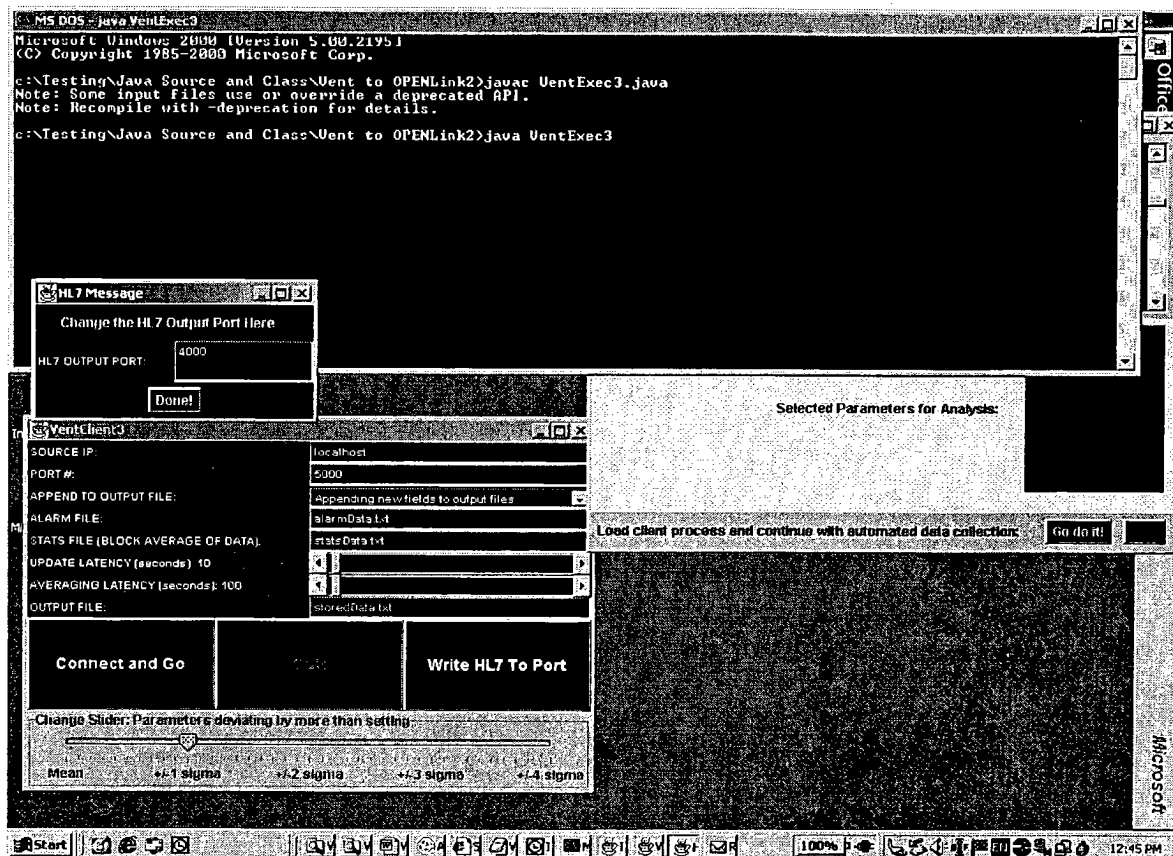
FIG. 17

The screenshot shows a window titled "VentClient3" with a standard Windows-style title bar (minimize, maximize, close buttons). The window is divided into two main sections. The left section contains labels for various configuration parameters, and the right section contains the corresponding input fields or controls.

SOURCE IP:	localhost
PORT #:	5000
APPEND TO OUTPUT FILE:	Appending new fields to output files <input checked="" type="checkbox"/>
ALARM FILE:	alarmData.txt
STATS FILE:	statsData.txt
RUNNING AVERAGE OR BLOCK AVERAGE:	Running Average Selected <input checked="" type="checkbox"/>
UPDATE LATENCY (seconds): 10	
AVERAGING LATENCY (seconds): 30	
OUTPUT FILE:	storedData.txt
<input type="button" value="Connect and Go"/>	

1800

Client Display Window



1900

Client Display Window
Having Threshold Selection

The screenshot shows the 'VentClient3' application window. It contains several configuration fields and three buttons at the bottom. Below the buttons is a slider for selecting a threshold.

SOURCE IP:	localhost
PORT #:	5000
APPEND TO OUTPUT FILE:	Appending new fields to output files <input checked="" type="checkbox"/>
ALARM FILE:	alarmData.txt
STATS FILE (BLOCK AVERAGE OF DATA):	statsData.txt
UPDATE LATENCY (seconds): 10	<input type="text"/>
AVERAGING LATENCY (seconds): 100	<input type="text"/>
OUTPUT FILE:	storedData.txt

Connect and Go **Quit** **Write HL7 To Port**

Change Slider: Parameters deviating by more than setting

Mean +/- 1 sigma +/- 2 sigma +/- 3 sigma +/- 4 sigma

2000

Clinical User Display Window

